

What is claimed is:

1. A broadcast system comprising:

a transmission device including

5 a multiplex portion for multiplexing at least
main contents data and sub contents data so as to generate
a transport stream,

a transmission portion for transmitting the
transport stream generated by the multiplex portion,

the multiplex portion generating the sub
10 contents data including an output form ID that indicates an
output form of the sub contents as well as an output
contents data that indicate an output contents; and

a reception device including

15 a reception portion for receiving the transport
stream transmitted by the transmission device,

a reconstruction portion for controlling
reconstruction of main contents and sub contents in
accordance with the received transport stream,

20 the reconstruction portion determining the
output form of the sub contents data in accordance with the
output form that is predetermined for the output form ID in
the received sub contents data, and determining the output
contents of the sub contents data in accordance with the
output contents data in the received sub contents data, so
25 as to perform the reconstruction control of the sub

contents data.

2. A transmission device comprising:

a multiplex portion for multiplexing at least main contents data and sub contents data so as to generate a

5 transport stream; and

a transmission portion for transmitting the transport stream generated by the multiplex portion;

the multiplex portion generating the sub contents data including an output form ID that indicates an output form of the sub contents as well as an output contents data that indicate an output contents.

3. A reception device comprising:

a reception portion for receiving the transport stream transmitted by a transmission device; and

15 a reconstruction portion for controlling reconstruction of main contents and sub contents in accordance with the received transport stream;

the reconstruction portion determining the output form of the sub contents data in accordance with the output form that is predetermined for an output form ID in the
20 received sub contents data, and determining the output contents of the sub contents data in accordance with the output contents data in the received sub contents data, so as to perform the reconstruction control of the sub
25 contents data.

A 4. The broadcast system according to claim 1 ~~or the~~
~~reception device according to claim 3,~~ wherein an output
form table describing the output form ID and the output
form corresponding thereto is recorded in the reception
5 device.

A 5. The device or the system according to ^{Claim 1}~~any one of~~
~~claims 1-4,~~ wherein the output form includes at least a
display position of the sub contents.

A 6. The device or the system according to ^{Claim 1}~~any one of~~
~~claims 1-5,~~ wherein the output form includes at least
information about whether the sub contents are outputted or
not.

A 7. The device or the system according to ^{Claim 1}~~any one of~~
~~claims 1-6,~~ wherein the output form includes at least an
output time of the sub contents.

A 8. The device or the system according to ^{Claim 1}~~any one of~~
~~claims 1-7,~~ wherein the output form includes at least an
output condition of the sub contents.

A 9. The reception device ^{Claim 1}~~or the system according to~~
~~any one of claims 1 and 3-8,~~ wherein the reception device
20 determines the output form of the sub contents in
accordance with a predetermined output form when the
received output form ID is not a predetermined one.

A 10. The device ^{Claim 1}~~or the system according to any one of~~
~~claims 1-9,~~ wherein the sub contents are commercial.
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11. The device or the system according to any one of claims 1-9, wherein the sub contents are emergency information.

12. Contents data in which main contents data and sub contents data are multiplexed, wherein the sub contents data include an output form ID that indicates an output form of the sub contents and output contents data that indicate output contents.

13. A reconstruction program for controlling reconstruction of main contents and sub contents, wherein the reconstruction program determines an output form of sub contents data in accordance with a predetermined output form for an output form ID in the sub contents data and determines output contents of the sub contents data in accordance with output contents data in the sub contents data, so as to perform reconstruction control of the sub contents data.

14. A data structure comprising:

an output form description portion that describes an output form; and

an output form ID description portion that describes an output form ID corresponding to the output form described in the output form description portion.

15. A broadcasting method in a broadcast system including a transmission device and a reception device; the

method comprising the steps of:

in the transmission device,

generating sub contents data including an
output form ID that indicates an output form of sub
5 contents and output contents data that indicates output
contents. and

generating a transport stream by multiplexing
at least main contents data and the sub contents data, and
transmitting the generated transport stream;

and

in the reception device,

receiving the transport stream transmitted by
the transmission device,

determining the output form of the sub contents
data in accordance with the output form that is
15 predetermined for the output form ID in the received sub
contents data, and determining the output contents of the
sub contents data in accordance with the output contents
data in the received sub contents data. so as to perform
20 the reconstruction control of the sub contents data, and

controlling reconstruction of the main contents
in accordance with the received transport stream.

16. A method for generating a transport stream, the
method comprising the steps of:

25 generating sub contents data including an output form

ID that indicates an output form of the sub contents as well as an output contents data that indicate an output contents; and

generating a transport stream by multiplexing at least main contents data and the sub contents data.

17. A method for reconstructing a transport stream, the method comprising the steps of:

receiving a transport stream transmitted by a transmission device;

determining an output form of sub contents data in accordance with the output form that is predetermined for an output form ID in the received sub contents data, and determining output contents of the sub contents data in accordance with the output contents data in the received sub contents data, so as to control the reconstruction of the sub contents data.